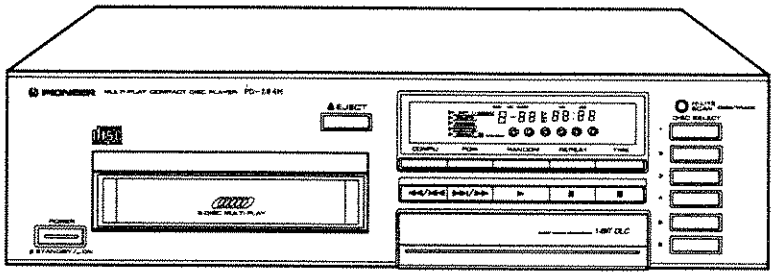
MASTER

Operating Instructions

MULTI-PLAY COMPACT DISC PLAYER

PD-Z84M

COMPACT disc DIGITAL AUDIO



Thank you for buying this Pioneer product.
Please read through these operating instructions so you will know how to operate your model properly. After you have finished reading the instructions, put them away in a safe place for future reference.
In some countries or regions, the shape of the power plug and power outlet may sometimes differ from that shown in the explanatory drawings. However, the method of connecting and operating the unit is the same.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT NOTICE

[For U.S. and Canadian models]

The serial number for this equipment is located on the rear panel. Please write this serial number on your enclosed warranty card and keep it in a secure area. This is for your security.

[For Canadian model]

CAUTION: TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

ATTENTION: POUR PREVENIR LES CHOCS ELECTRIQUES NE PAS UTILISER CETTE FICHE POLARISEE AVEC UN PROLONGATEUR, UNE PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ETRE INSEREES A FOND SANS EN LAISSER AUCUNE PARTIE A DECOUVERT.

"This product complies with the Radio Interference requirements of the EC (European Community) Directive 87/308/EEC."

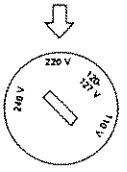
LINE VOLTAGE SELECTOR SWITCH

Only multi-voltage models are provided with this switch. U.S., Canadian, European, U.K., and Australian models are not provided with this switch.
Mains voltages in Saudi Arabia are 127V and 220V only. Never use this model with 110V setting in Saudi Arabia.

The line voltage selector switch is located on the rear panel of this player. Before your player is shipped from the factory, the switch is set to the power requirements of the player's destination. Check that it is set properly before plugging the power cord into the outlet. If the voltage is not properly set or if you move to an area where the voltage requirements differ, adjust the selector switch as follows:

- Use a medium-sized (flat blade) screwdriver. Insert the tip of the screwdriver into the groove of the selector switch and turn it so that the power voltage making of your area points to the arrow.

VOLTAGE SELECTOR



PIONEER®
The Art of Entertainment

IMPORTANT 1

The lightning flash with arrowhead, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION:
TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

IMPORTANT 2

If the apparatus is fitted with AC mains power outlet(s), see REAR PANEL FACILITIES for convenient connection of additional Hi-Fi component(s). Make all connections to the AC outlet(s) and the signal terminals first. Connect the plug to the wall socket last, make sure that the power switch is off.

FOR USE IN THE UNITED KINGDOM

WARNING: This plug must only be connected to electronic apparatus equipped with suitable sockets. If not, cut off the plug and fit an appropriate type in accordance with the instructions below.
The cut-off plug must be disposed of as an electrical shock hazard could exist if connected to a socket outlet.

The wires in this mains lead are coloured in accordance with the following code:

Blue: Neutral
Brown: Live

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured marking identifying the terminals in your plug proceed as follows:
The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.
The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.
Do not connect either wire to the earth terminal of a three pin plug.

SAFETY INSTRUCTIONS

READ INSTRUCTIONS – All the safety and operating instructions should be read before the appliance is operated.

RETAIN INSTRUCTIONS – The operating instructions should be retained for future reference.

HEED WARNING – All warnings on the appliance and in the operating instructions should be adhered to.

FOLLOW INSTRUCTIONS – All operating and use instructions should be followed.

WATER AND MOISTURE – The appliance should not be used near water – for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.

LOCATION – The appliance should be installed in a stable location.

WALL OR CEILING MOUNTING – The appliance should not be mounted to a wall or ceiling.

VENTILATION – The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

HEAT – The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

POWER SOURCES – The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

POWER-CORD PROTECTION – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

POLARIZATION – If your purchased product is provided with a polarized power plug, please read the following instructions. This product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

CLEANING – The appliance should be cleaned only with a polishing cloth or a soft dry cloth. Never clean with furniture wax, benzine, insecticides or other volatile liquids since they may corrode the cabinet.

POWER LINES – An outdoor antenna should be located away from power lines.

NONUSE PERIODS – The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

OBJECT AND LIQUID ENTRY – Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

DAMAGE REQUIRING SERVICE – The appliance should be serviced by a Pioneer authorized service center or qualified service personnel when:

- The power-supply cord or the plug has been damaged.
- Objects have fallen, or liquid has been spilled into the appliance.
- The appliance has been exposed to rain.
- The appliance does not appear to operate normally or exhibits a marked change in performance.
- The appliance has been dropped or the enclosure damaged.

SERVICING – The user should not attempt to service the appliance beyond that described in the operating instructions. For all other servicing, contact the nearest Pioneer authorized service center.

OUTDOOR ANTENNA GROUNDING – If an outside antenna is connected to the antenna terminal, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges.
In the U.S.A. section 810 of the National Electrical Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Fig. A.

CART – An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

NEC NATIONAL ELECTRIC CODE

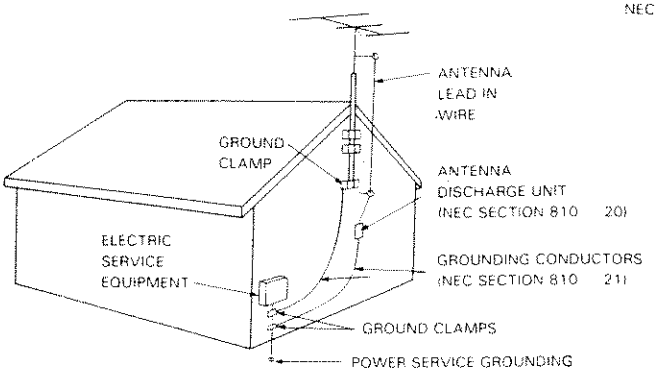


FIG. A

[FOR EUROPEAN AND U.K. MODELS]

CAUTION
This product contains a laser diode of higher class than 1. To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product.
Refer all servicing to qualified personnel.

The following caution label appear on your player.

Location: rear of the player

[FOR U.S. MODEL]
CAUTION

- Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- The use of optical instruments with this product will increase eye hazard.

INFORMATION TO USER [FOR U.S. MODEL]

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- reorient the receiving antenna.
- relocate this equipment with respect to the receiver.
- move this equipment away from the receiver.
- plug this equipment into a different outlet so that equipment and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:
"How to Identify and Resolve Radio-TV Interference Problems".
This booklet is available from the US Government Printing Office, Washington, D.C. 20402, Stock No. 004-000-00345-4.

The above instructions apply only to units which will be operated in the United States.

[For Canadian model]
This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

THE POWER SWITCH IS SECONDARY CONNECTED AND THEREFORE DOES NOT SEPARATE THE UNIT FROM MAINS POWER IN STANDBY POSITION.

POWER-CORD CAUTION

Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause fire or give you an electrical shock. Check the power cord once in a while. When you find it damaged, ask your nearest PIONEER authorized service center or your dealer for a replacement.

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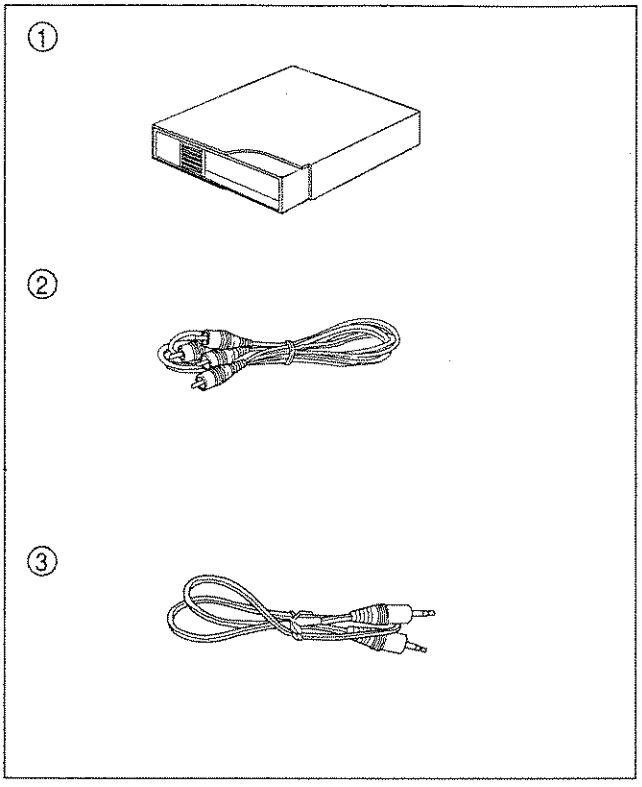
CONFIRM SUPPLIED ACCESSORIES



① 6-Compact Disc Magazine x 1
(Called magazine in the explanatory text.)

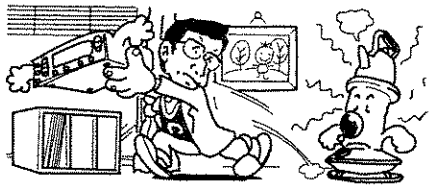
NOTE:
The supplied magazine is for 12-cm discs only.

② Output cable x 1
③ Control cord x 1

CAUTIONS REGARDING HANDLING

Location

Install the player in a well ventilated location where it will not be exposed to high temperature or humidity.
Do not install the player in a location which is exposed to direct rays of the sun, or near stoves or radiators. Excessive heat can adversely affect the cabinet and internal components. Installation of the player in a damp or dusty environment may also result in malfunction or accident. (Avoid installation near cookers etc., where the player may be exposed to smoke from oil, steam or heat.)

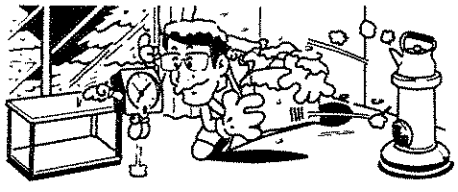


Precautions regarding installation

- Placing and using the compact disc player for long periods on heat-generating sources such as amplifiers will affect performance. Avoid placing the player on heat-generating sources.
- Install this compact disc player as far as possible from tuners and TV sets. A compact disc player installed in close proximity to such equipment, may cause noise or degradation of the picture.
- Such noise may be particularly noticeable when an indoor antenna is used. In such cases, make use of an outdoor antenna, or turn off power to the compact disc player.
- Please place this unit on a level surface.

Condensation

When this unit is brought into a warm room from previously cold surroundings or when the room temperature rises sharply, condensation may form inside, and the unit may not be able to attain its full performance. If this occurs, allow the unit to stand for about an hour or raise the room temperature gradually.

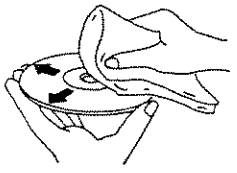


CD lens cleaner

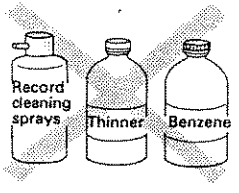
The player's pickup lens should not become dirty in normal use, but if for some reason it should malfunction due to soiling, ask your nearest PIONEER authorized service center. Lens cleaners for CD players are commercially available, but special care should be exercised in their use since some may cause damage to the lens.

Cleaning discs

- Fingerprints or smudges on the surface of the disc will not directly affect the recorded signals, but depending on the degree of contamination, the brightness of the light reflected from the signal surfaces may be reduced, causing degradation of sound quality. Always keep your discs clean by wiping them gently w'th a soft cloth from the inner edge toward the outer periphery.

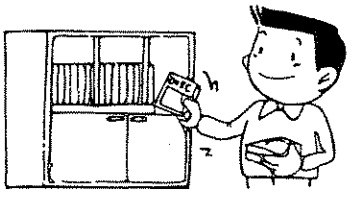


- If a disc becomes very dirty, dip a soft cloth in water, and after wringing it out well, wipe the dirt away gently, and then remove any water drops with another soft, dry cloth.
- Do not use record cleaning sprays or anti-static agents on discs. Never clean discs with benzene, thinner, or other volatile solvents, since damage to the disc surface may result.



Storing discs

- Discs are made of the same kinds of plastic used for conventional analog audio records. Be careful not to allow discs to warp; always store discs in their cases vertically, avoiding locations with high heat or humidity, or extremely low temperatures. Avoid leaving discs in cars, since the seat of a car in direct sunlight can become extremely hot.
- Always read and abide by the precautionary notes listed on disc labels.

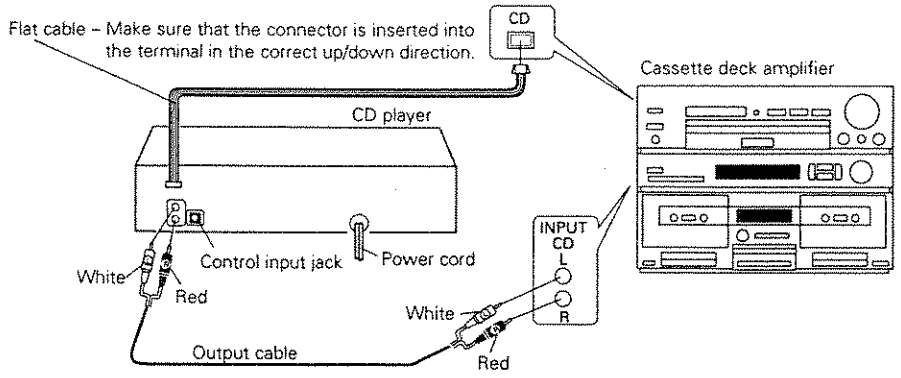


Cleaning the player and the magazine

To clean the PLAYER and the MAGAZINE wipe with a soft, dry cloth. For stubborn dirt, wet a soft cloth with a mild detergent solution, wring well, then wipe off the dirt. Use a dry cloth to wipe the surface dry. Do not use volatile liquids such as benzene and thinner which are harmful to the unit.

CONNECTIONS

- Make sure that all of the components are turned off before making connections.



Making connections

Connect the OUTPUT jacks of this unit to the input jacks (CD or AUX) of the amplifier. Make sure that the white plugs are connected to the left (L) jacks and the red plugs to the right (R) jacks.

- Be sure not to connect this unit to the amplifier's PHONO jacks, as sound will be distorted and normal playback will not be possible.
- Make sure plugs are inserted fully into the jacks.

Flat cable connection

When combined with cassette deck amplifier of PIONEER (DC-Z74, DC-Z84, DC-Z94), connect the flat cable terminal of the player to the CD terminal of the cassette deck amplifier.
Insert the connector until it locks. When disconnecting the connector, pull it in the opposite direction while pressing the left and right claws.

- For details on connections and operation, refer to the operating instructions supplied with the cassette deck amplifier.

Power cord connection

Connect the power cord to an AC outlet on your amplifier.

System remote control with a Pioneer stereo amplifier that has the SR mark

When a Pioneer stereo amplifier bearing the SR mark is used, connect the CONTROL IN jack on the rear panel of the CD player to the CONTROL OUT jack of the amplifier. This will enable the CD player to be controlled using the remote control unit supplied with the stereo amplifier. If you do not plan to use this feature, it is not necessary to connect CONTROL IN/OUT jacks.

- The control cord is supplied with the CD player.
- The remote control unit supplied with the amplifier can be used to control Play, Stop, Pause, Track/Disc Search and Disc Change operations.
- For instructions regarding connections and operation, refer to the operating instructions provided with your stereo amplifier.

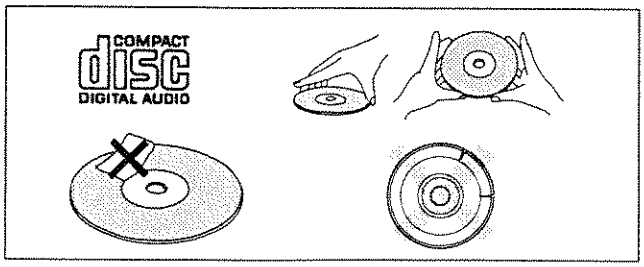
NOTES:

- *Be sure to connect either the CONTROL IN jack or the flat cable terminal. Never connect both of the CONTROL IN jack and flat cable terminal at the same time.*
  When connecting either the CONTROL IN jack or the flat cable terminal, turn off the power of the player beforehand. The corresponding function can be carried out whenever the power is turned on.
- *Be sure to connect both of the control cord's plugs securely to the CONTROL IN and CONTROL OUT terminals. Do not connect only one end of the cable.*

BEFORE OPERATING THE PLAYER

CARE OF DISCS

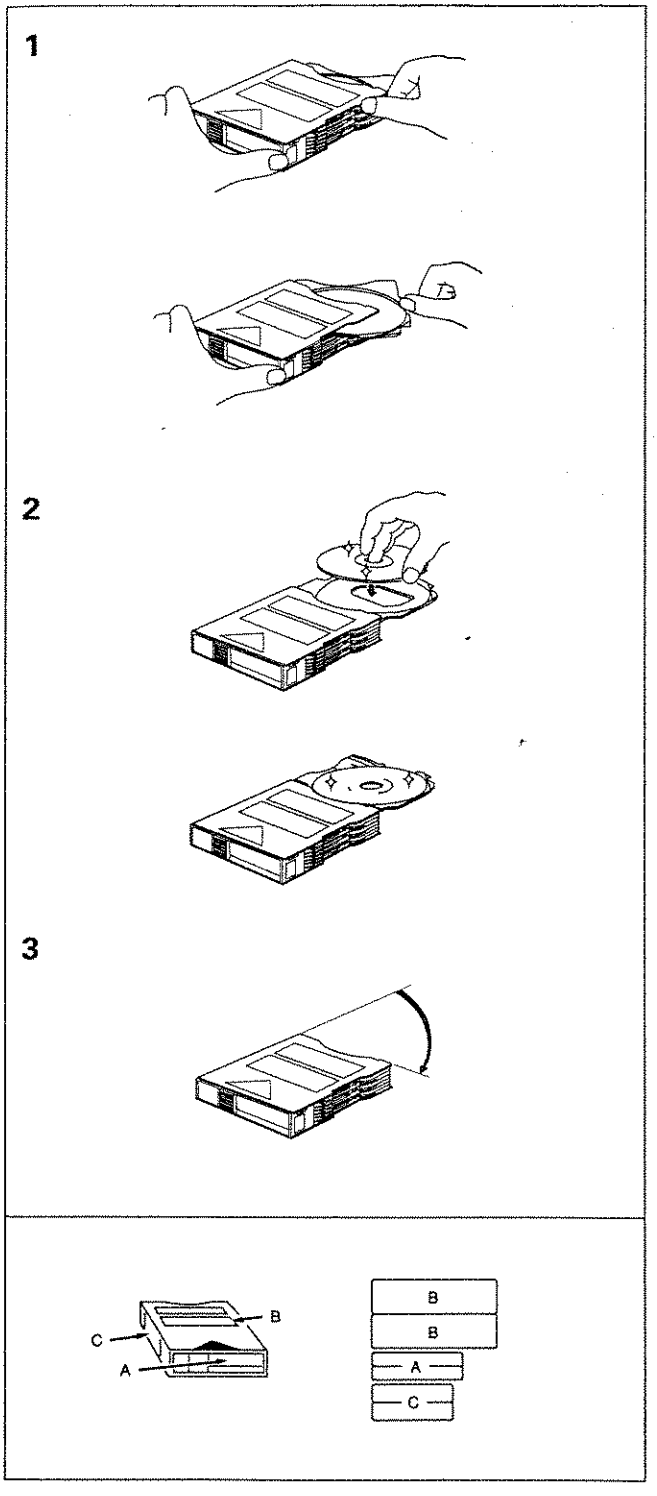
- With this player, use discs which display the mark shown below. (Optical audio digital discs.)
- When holding discs, do not touch their signal surfaces. Hold by the edges, or by one edge and the center hole.
- Do not affix gummed labels or tape to the label surfaces. Also, do not scratch or damage the label.
- Discs rotate at high speed inside the player. Do not use damaged (cracked or warped) discs.



NOTE:

- *In order to play an 8-cm CD you will need a special Multi-Play Magazine (JD-M108 or JD-M308) which is sold separately. Be sure to read thoroughly the Operating Instructions before using it.*
- *8-cm CD Adaptors*
  It is possible that even an adaptor which meets recommended standard CD specifications will not be usable with the CD player. It is recommended that the special Multi-Play Magazine (JD-M108 or JD-M308) be used.
- *Never load an 8-cm CD or its adaptor into a standard 12-cm magazine. This may seriously damage the CD player.*

Continue



INSERT DISCS INTO THE MAGAZINE

Insert any discs which you may have into the supplied magazine. Up to six discs may be inserted. The numbering of the discs begins with 1 at the topmost tray, and then increases in order downwards to 6 for the lowest tray. The magazine has a window through which the pulled-out disc tray can be checked. Even during playback, the number of the disc being played back can be checked through this window.

1. **Pull out only one disc tray.**
2. **Position discs with the label side downward.**
3. **Put the disc tray back as it was originally.**
4. **Insert other discs by repeating steps 1 to 3.**

CAUTION:

- *Please make sure you only pull out one disc tray at a time. (When a disc tray has been pulled out, do not pull out other disc trays.)*
- *If discs are inserted label side upward, it will not be possible for them to be played. Please make sure you insert them with the label side downward.*
- *Objects other than discs (song cards, explanations of disc contents, etc.), must never be inserted into the disc trays.*
- *Do not touch the playing surface of discs (iridescent side) with hands or fingers.*

AFFIXING LABELS TO THE MAGAZINE

- Always attach the labels provided in the designated locations. Correct operation may not be possible if labels or tape are attached in other locations.
- The following are convenient ways of using labels:
  A: For titles
  B: For disc names
  C: For classification
- Do not attach labels on top of other labels.

Additional magazines identical to the one supplied are available as options (*JD-M100, JD-M200, JD-M300, JD-M108, JD-M308).
Please use them to make your own disc library, with separate magazines for each artist or genre.

* JD-M100, JD-M200, JD-M300 ..... Magazine for 12-cm discs
JD-M108, JD-M308 ..... Magazine for 8-cm discs

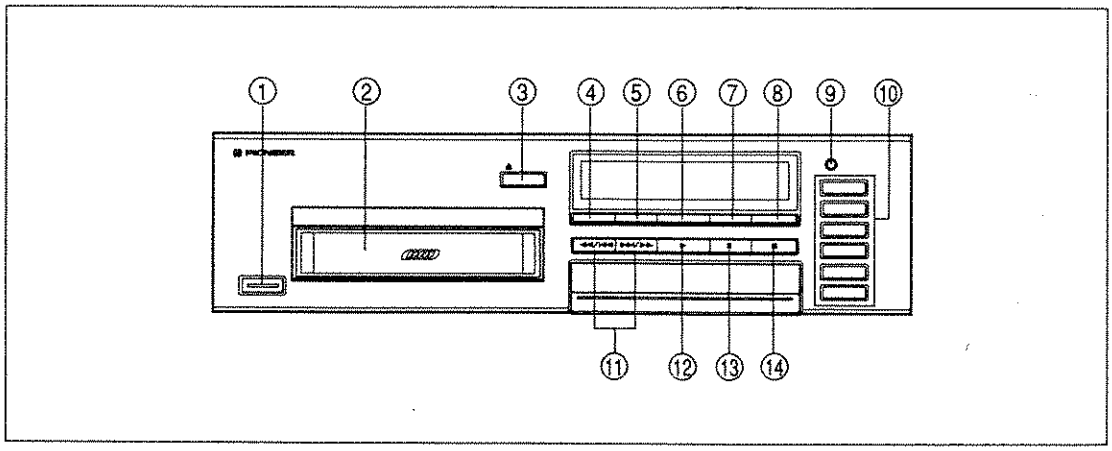
NOTE:
Both 12-cm discs and 8-cm discs cannot be installed together in a magazine.

For U.S. customers only

You may purchase additional Pioneer six-compact-disc magazines from your dealer. If however, they are not available at your dealer in the United States, you may order from:

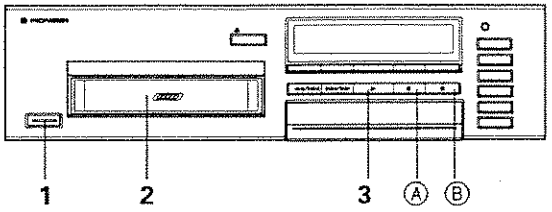
PIONEER ELECTRONICS SERVICE, INC.
2265 East 220th Street
P.O. Box 1760, Long Beach
CA. 90801-1760
U.S.A.
Phone #(800)421-1404

NAMES AND FUNCTIONS OF PARTS

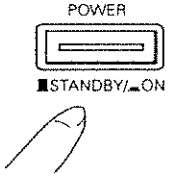


FRONT PANEL

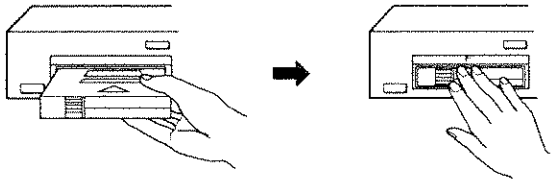
① **POWER ■ STANDBY/▬ ON switch**
② **Magazine insertion slot**
③ **EJECT button (⏏)**
④ **COMPU button**
⑤ **PGM button**
⑥ **RANDOM button**
⑦ **REPEAT button**
⑧ **TIME button**
⑨ **HI-LITE SCAN button**
⑩ **DISC SELECT buttons (1 - 6)**
⑪ **Manual/Track search buttons (◄◄/I◄◄, ►►I/►►)**
⑫ **Play button (►)**
⑬ **Pause button (II)**
⑭ **Stop button (■)**



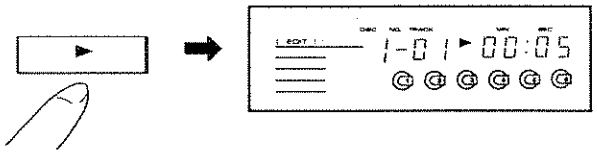
1



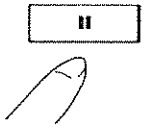
2



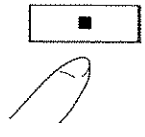
3



Ⓐ : ■■ Pause



Ⓑ : ■ Stop



To play a compact disc

1 Turn on the power to the player.

2 Insert a magazine, pushing it in until a click sound is heard.

- The first disc is automatically set for playback.

3 Press ▶ to start playback.

Ⓐ To pause playback temporarily:

Press ■■. The ■■ indicator lights and playback is paused at that point. Pressing ■■ again or ▶ resumes playback from the position where pause mode was entered.

Ⓑ To stop playback:

Press ■. The player returns to the beginning of the first track on the disc at which playback was stopped. If ■ is pressed twice, the player returns to the beginning of the first track on the first disc and enters stop mode.

To stop playback and take out the magazine

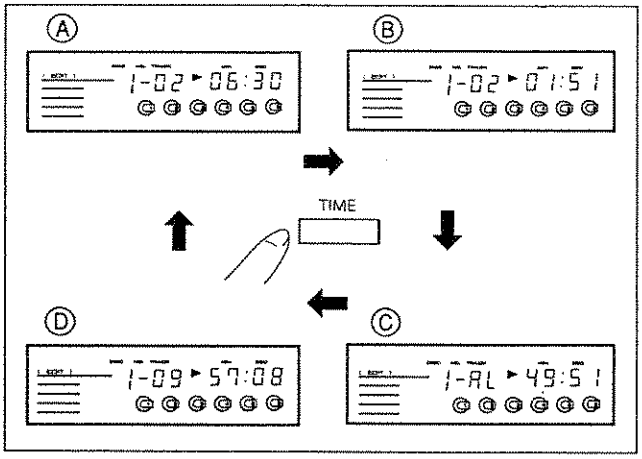
Press EJECT, remove the magazine, and then press POWER to turn off the power.

Cautions regarding handling of magazines

- When inserting a magazine into the player, make sure that the direction of insertion is correct.
- After use, store in the case provided. Do not place in locations subjected to high temperatures or exposed to direct sunlight.
- Do not take magazines apart.
- Be careful not to drop, or hit magazines against things. Also do not apply strong force to trays which have been withdrawn.
- Application of benzene, thinner, insecticide or other volatile liquids to a magazine may damage the surface, so keep magazines away from such substances.

Caution:
Do not unplug the power cord or do not turn off the power with an audio timer during playback, as this could result in damage to the disc.

Continue



Time display

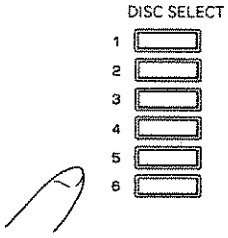
During playback, pressing the TIME button changes the time display in the following sequence: Ⓐ Elapsed playback time of the track being played → Ⓑ Remaining playback time of the track being played → Ⓒ Remaining playback time from the playing point to the end of the disc → Ⓓ Total playback time of the disc.

- If TIME is pressed during stop mode, the total playback time of the disc will not be displayed.
- With track No. 24 or more, remaining playback time of the track Ⓑ cannot be displayed.
- During program playback or random playback, remaining playback time from the playing point to the end of the disc Ⓒ cannot be displayed.
- During Program playback, the number of program steps can be displayed with the total playback time setting Ⓓ.

VARIOUS OPERATIONS

Disc search - To search for a particular disc

During playback or stop mode



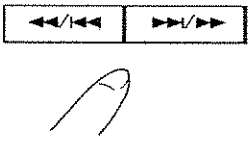
The player searches for the specified disc and playback starts from the beginning of that disc.

NOTE:

If the disc number of a tray which does not contain a disc (disc symbol indicator is not lit) is selected, playback cannot start from that disc number.

Track search - To search for a particular track

During playback or pause mode



When ►►I/►► is pressed once or a number of times, playback is advanced to the beginning of a track located after the track being played. The position of the located track corresponds to the number of times the button is pressed.

When ◄◄/I◄◄ is pressed once, playback returns to the beginning of the track being played. When this button is pressed more than once, playback is returned to a track located before the track being played. The position of the located track corresponds to the number of times the button is pressed.

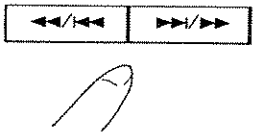
NOTES:

- *During normal playback, Track Search can be carried out on one disc only.*
- *During program playback, Track Search can be carried out in one programmed step only.*

Continue

Manual search - To search for a particular passage

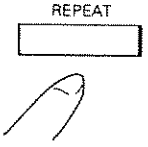
During playback or pause mode



While ►►I/►► is kept pressed, playback rapidly advances toward the end of the disc. When playback reaches the end of the disc, the player enters pause mode and "End" is displayed. While ◄◄/I◄◄ is kept pressed, playback rapidly reverses toward the beginning of the disc.
When the desired passage is reached, release ►►I/►► or ◄◄/I◄◄. The player enters original mode (playback or pause) where ►►I/►► or ◄◄/I◄◄ is released.

- During normal playback, Manual Search can be carried out on one disc only.
- During program playback, Manual Search can be carried out in one program step only.

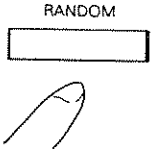
To repeat playback (repeat play)



When REPEAT is pressed once, a single track will be repeated. (REPEAT [1] indicator lights.)
When REPEAT is pressed twice, all tracks will be repeated. (REPEAT indicator lights.)
In the all-track repeat mode, programmed play, random play and HI-LITE Scan will be repeated.

- To exit repeat mode, press REPEAT so that REPEAT [1] or REPEAT indicator goes off.

Random playback - To play all tracks in random order

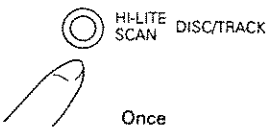


The RANDOM indicator lights and all tracks on all discs are played in a random order.
After all the tracks are played, the player enters stop mode.

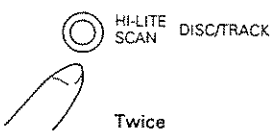
HI-LITE Scan

During stop mode

Disc HI-LITE Scan



Track HI-LITE Scan



Disc HI-LITE Scan
When HI-LITE SCAN is pressed once during stop mode, playback starts from a point 1 minute after the beginning of the first track, and the first track of each disc is played for about 10 seconds. The DISC SCAN indicator is lit during Disc HI-LITE Scan mode. After the first tracks of all discs are scanned, the player enters stop mode.

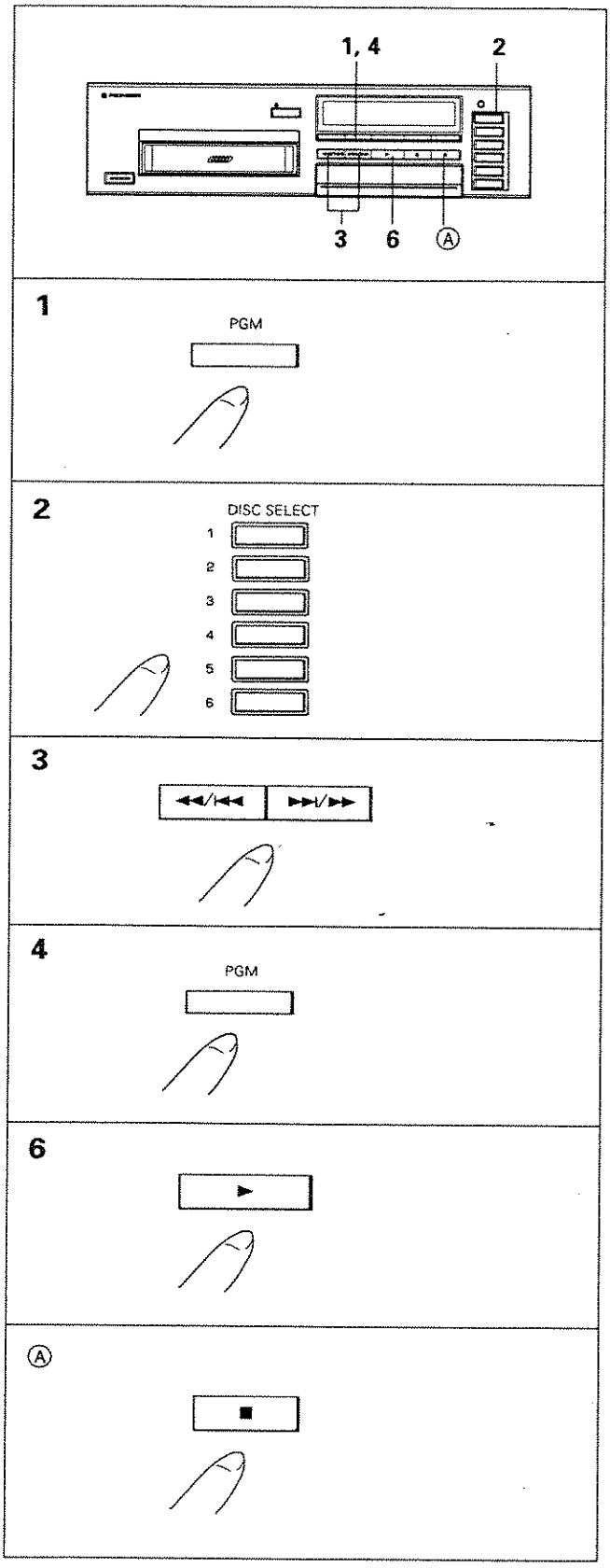
Track HI-LITE Scan
When HI-LITE SCAN is pressed twice during stop mode, playback starts from a point 1 minute after the beginning of the track; each track is played for about 10 seconds. The SCAN indicator is lit during Track HI-LITE Scan mode. After all tracks of all discs are scanned, the player enters stop mode.

To exit HI-LITE Scan mode
Press ■ or ►. When ► is pressed, normal playback starts from the current point.

NOTES:

- *HI-LITE Scan can be carried out from the desired elapsed time of the track. During playback, press HI-LITE SCAN at the point you want to start HI-LITE Scan playback. The player memorizes the minute and second of the point and Track HI-LITE Scan playback is carried out from the memorized minute and second on each track.*
- *Each time HI-LITE SCAN is pressed, the mode switches between Disc HI-LITE Scan and Track HI-LITE Scan.*
- *Programming of only desired tracks is possible during Track HI-LITE Scan playback. See "Direct program" (page 12).*
- *When playback time of a track is less than one minute or is shorter than memorized time, HI-LITE Scan playback is carried out from the beginning of the track for about 10 seconds.*
  When playback time of a track is less than 10 seconds, the track is played from the beginning to the end.

TO PLAY ONLY DESIRED TRACKS/DISCS



Program playback - To program tracks/discs in desired order

1 **During stop mode, press PGM.**
- PROGRAM indicator lights.

2 **Press the DISC SELECT button which contains the track to be programmed.**
To program entire discs, enter the desired disc numbers with the DISC SELECT buttons and go to step 5.
- When DISC SELECT is pressed, "AL" (all tracks) appears on the display.

3 **Press ◄◄/I◄◄ or ►►I/►► so that the desired track number appears on the display.**

4 **Press PGM.**

5 **Repeat steps 2 through 4 for other tracks to be programmed.**

6 **Press ►.**
The tracks are played in the programmed order. When all programmed tracks have been played, the player enters stop mode.

Ⓐ **To stop Program playback, press ■.**

- Programs containing up to 32 steps can be created.
- To go to the previous or next step in a program, press ◄◄/I◄◄ or ►►I/►►

Direct program

Programming can be carried out during normal playback or Track HI-LITE Scan playback. You can program the tracks while listening to a part of each track.

1. During playback, press PGM.
2. Whenever a track to be programmed is played, press PGM.
3. You can repeat step 2 until up to 32 tracks are programmed.
4. When finished, press ►. The current playback is cleared and the tracks are played in the programmed order.

- Direct program can also be carried out during Track HI-LITE Scan playback with the above procedure.

Continue

Programming a pause

Inserting a pause in your program can be very useful when carrying out recording. Press ⏸ instead of entering a track number. "PA" appears on the display panel.

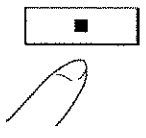
- For example, when recording on both sides of a cassette tape, if you program a pause after the last track to be recorded on the first side, program playback will pause at that point to allow you to switch tape sides. To resume program playback after the player enters pause mode, press ⏸.

NOTES:

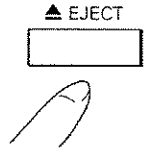
- *A pause cannot be programmed at the beginning of a program (P-01), nor can two pauses be programmed one after the other.*
- *A pause inserted in a program is counted as one step.*
- *If a pause is programmed as the last step of a program, the player will not enter the pause mode.*

To clear all of the program contents

Ⓐ :



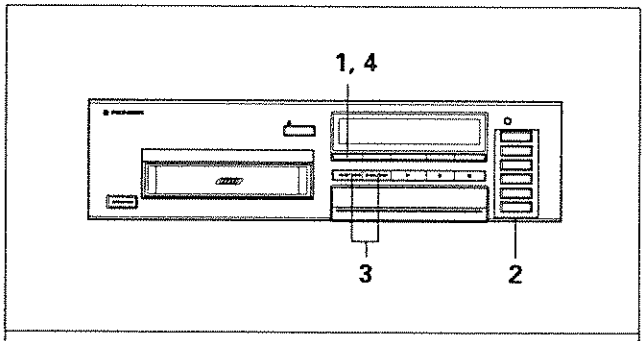
Ⓑ :



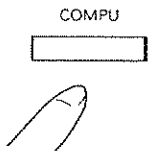
Ⓐ During stop mode, press ■.

Ⓑ When the magazine is ejected, the program contents will be cleared.

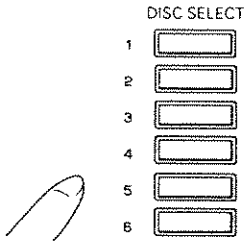
CONVENIENT OPERATION FOR RECORDING



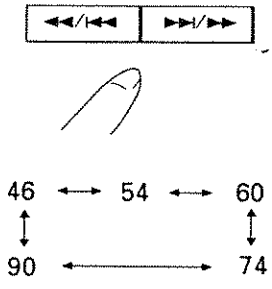
1



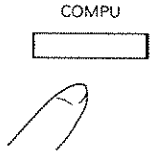
2



3



4



Compu program editing (Computer allocated program editing)

Tracks are selected for both sides of the tape.

1 During stop mode, press COMPU.
- COMPU indicator lights.

2 Select the disc No. with the DISC SELECT button.

3 Select the tape playing time with ►►I/►► or ◄◄/I◄◄.

Each time ►►I/►► is pressed, the time will be changed in the following sequence: 46 → 54 → 60 → 74 → 90 (minutes). With ◄◄/I◄◄, the time will be changed in the reverse direction.

4 Press COMPU.

The displayed time is memorized. The player now programs the tracks for the first side of the tape within half the selected playing time, programs a pause, and then programs the tracks for the second side of the tape within a half the selected playing time. After the programming is completed, the display shows all of the programmed tracks and their playing time in the programmed order.

Example: The tape playing time 46 minutes is selected.
- The programmed contents are displayed in the programmed order.

First side

Second side

NOTES:
- *Up to 32 steps can be programmed.*
- *With discs contained 24 tracks or more, programming may not be correctly performed.*
- *Compu program editing can be carried out on one disc only.*

TROUBLESHOOTING

Incorrect operations are often mistaken for trouble and malfunctions. If you think that there is something wrong with this component, check the points below. Sometimes the trouble may lie in another component. Investigate the other components and electrical appliances being used.
If the trouble cannot be rectified even after exercising the checks listed below, ask your nearest PIONEER authorized service center or your dealer to carry out repair work.

Symptom	Cause	Remedy
Magazine is not expelled when EJECT button is pressed.	• Power plug is disconnected from outlet. • POWER switch is STANDBY.	• Connect plug to amplifier or wall outlet. • Press POWER switch ON.
When playback is started, it stops immediately. Pauses or stops during playback.	• Disc is loaded upside down. • Dirt, etc., on the disc.	• Load the disc correctly with the label side DOWN. • Clean the dirt from the disc and then play it again.
No sound	• Output cords are connected incorrectly or loosely. • Incorrect operation of stereo amplifier. • Pin plugs and/or amplifier terminals are dirty. • Player is in pause mode.	• Connect properly. • Check the settings of amplifier switches and sound volume controls. • Clean away dirt. • Press the ► button.
Sound is distorted, noise is output.	• Incorrect connections. • Pin plugs and/or amplifier terminals are dirty. • Interference is being picked up from a TV set.	• Connect to amplifier's AUX or CD terminals. Do not connect to PHONO terminals. • Clean away dirt. • Switch OFF TV set, or move player away from TV set.
With certain discs, loud noise is produced, or play stops.	• Disc has bad scratch or warp. • Disc is extremely dirty.	• Replace the disc. • Clean the disc.
The picture of the TV screen is fluctuated or FM broadcast is interfered with noise.	• Interference is being picked up from the CD player.	• Turn off POWER of the player, or move the player away from TV or tuner.

SPECIFICATIONS

1. General

Type ..... Compact disc digital audio system
Power requirements
European models ..... AC 220 V, 50/60 Hz
U.K., Australian models ..... AC 240 V, 50/60 Hz
U.S., Canadian models ..... AC 120 V, 60 Hz
Other models ..... AC 110/120 - 127/220/240 V (switchable), 50/60 Hz
Power consumption ..... 10 W
Operating temperature ..... +5°C - +35°C (+41°F - +95°F)
Weight ..... 3.7 kg (8 lb, 3 oz)
External dimensions ..... 360(W) X 290(D) X 105(H) mm 14-3/16(W) X 11-7/16(D) X 4-1/8(H) in

2. Audio section

Frequency response ..... 2 Hz - 20 kHz
S/N ratio ..... 100 dB or more (EIAJ)
Dynamic range ..... 94 dB or more (EIAJ)
Channel separation ..... 93 dB or more (EIAJ)
Wow and flutter ..... Limit of measurement (±0.001% W.PEAK) or less (EIAJ)
Channels ..... 2-channel (stereo)

3. Output terminal

Audio line output
Control input jack
Flat cable

4. Functions

Number of discs to be stored — maximum 6.

Basic operation buttons
- Play, pause, stop

Search function
- Disc Search
- Track Search
- Manual Search

Hi-Lite Scan
- DISC HI-LITE SCAN
- TRACK HI-LITE SCAN

Programming
- Maximum 32 steps
- Pause
- Direct program

Repeat functions
- 1 track repeat
- All discs repeat
- Program repeat
- Random play repeat

Random play
RANDOM play (repeat also available)

Switching display
Time consumed, remaining time (track/disc), and total time

Compu Program Editing
Selects the tracks for both sides of the tape within the specified time.

5. Accessories

- Six-compact-disc magazine 1
- Output cable 1
- Control cord 1
- Operating instructions 1

NOTE:
Specifications and design subject to possible modification without notice, due to improvements.

The Magazine Type Multi-Play CD Players with mark and the Magazines with the same mark are compatible for 5-inch (12cm) discs.

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